

## Prof. EKREM ÜNAL

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: A-5099-2019

ScopusID: 60030785

Yoksis Researcher ID: 36748

### Education Information

Post Doctorate of Medicine, Erciyes University, Tıp Fakültesi, Çocuk Hematoloji Ve Onkoloji Bilim Dalı, Turkey 2007 - 2012

Expertise In Medicine, Selcuk University, School Of Medicine, Çocuk Sağlığı Ve Hastalıkları, Turkey 2001 - 2007

Undergraduate, Selcuk University, School Of Medicine, Turkey 1995 - 2001

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Health&Medicine, Deney Hayvanları Kullanım sertifikası, Erciyes Üniversitesi, 2012

Health&Medicine, Hemofili Akademisi, Edinburg, İngiltere, 2011

Education Management and Planning, Tıp Fakültesi Öğrencilerine yönelik Eğitim Sertifikası, Erciyes Üniversitesi Tıp Fakültesi, 2011

Health&Medicine, Lösemide MRD, Charite Univeritaetsmedizin Berlin Almanya, 2010

Health&Medicine, İyi Klinik Uygulamalar, TC Sağlık Bakanlığı/ Türk Hematoloji Derneği, 2010

Health&Medicine, ÇİLYAD (Çocuk İleri Yaşam Desteği) modülü Eğitici Sertifikası, TC Sağlık Bakanlığı/ Konya İl Sağlık müdürlüğü, 2006

### Dissertations

Expertise In Medicine, ÇOCUKLUK ÇAĞI AKUT LENFOBLASTİK LÖSEMİ HASTALARINDA ÇÖZÜNEBİLİR CD 40 VE CD 40 LİGAND SEVİYESİNİN ÖNEMİ, Erciyes Üniversitesi, Tıp Fakültesi, Çocuk Hematoloji Ve Onkoloji Bilim Dalı, 2012

Expertise In Medicine, ÇOCUKLUK ÇAĞI AKUT LÖSEMİ VE HODGKİN-DIŞI LENFOMA HASTALARINDA SİSTATİN-C' NİN

## Research Areas

Health Sciences, Medicine, Internal Medicine Sciences, Child Health and Diseases, Pediatrics Infectious Diseases, Internal Diseases , Hematology, Basic Sciences, Life Sciences, Molecular Biology and Genetics, Genetic Disorders

## Academic Titles / Tasks

Professor, Erciyes University, Tıp Fakültesi, Dahili Tıp Bil., 2021 - Continues

Associate Professor, Erciyes University, Tıp Fakültesi, Dahili Tıp Bil., 2015 - 2021

Assistant Professor, Erciyes University, Tıp Fakültesi, Dahili Tıp Bil., 2011 - 2015

Research Assistant, Erciyes University, Tıp Fakültesi, Dahili Tıp Bil., 2007 - 2011

Research Assistant, Selcuk University, School Of Medicine, Çocuk Sağlığı Ve Hastalıkları Anabilim Dalı, 2001 - 2007

## Courses

ÇOCUKLARDA PARAZİTER HASTALIKLAR, Postgraduate, 2012 - 2013

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Efficacy of T-cell assays for the diagnosis of primary defects in cytotoxic lymphocyte exocytosis**  
Chiang S. C. C., Covill L. E., Tesi B., Campbell T. M., Schlums H., Nejati-Zendegani J., Mördrup K., Wood S., Theorell J., Sekine T., et al.  
Blood, vol.144, no.8, pp.873-887, 2024 (SCI-Expanded)
- II. **Pyruvate kinase deficiency in 29 Turkish patients with two novel intronic variants**  
GÖK V., LEBLEBİSATAN G., Gokcebay D. G., GÜLER S., Dogan M. E., Bozdogan S. T., Yozgat A. K., ÖZCAN A., Sahinoglu E. P., Tokgoz H., et al.  
BRITISH JOURNAL OF HAEMATOLOGY, vol.205, no.1, pp.236-242, 2024 (SCI-Expanded)
- III. **Identification of the molecular etiology in rare congenital hemolytic anemias using next-generation sequencing with exome-based copy number variant analysis**  
IŞIK E., AYDINOK Y., Albayrak C., Durmus B., Karakas Z., Orhan M. F., SARDER N., Aydın S., ÜNAL S., Oymak Y., et al.  
EUROPEAN JOURNAL OF HAEMATOLOGY, vol.113, no.1, pp.82-89, 2024 (SCI-Expanded)
- IV. **Alantolactone ameliorates graft versus host disease in mice**  
Odabas G. P., Aslan K., Suna P. A., Kendirli P. K., Erdem Ş., Çakır M., Özcan A., Yılmaz E., Karakukcu M., Donmez-Altuntas H., et al.  
INTERNATIONAL IMMUNOPHARMACOLOGY, vol.128, 2024 (SCI-Expanded)
- V. **A case of autoimmune lymphoproliferative syndrome with a novel de novo FAS variant**  
ÖZÇELİK F., ASLAN K., Gok V., Ari M. B., ÖZCAN A., EKEN A., Ünal E., ÖZKUL Y., DÜNDAR M.  
Pediatric Hematology and Oncology, vol.41, no.4, pp.301-309, 2024 (SCI-Expanded)
- VI. **A Novel Biallelic LCK Variant Resulting in Profound T-Cell Immune Deficiency and Review of the Literature**  
Lanz A., Erdem S., ÖZCAN A., CEYLANER G., CANSEVER M., CEYLANER S., Conca R., Magg T., Acuto O., Latour S., et al.  
Journal of Clinical Immunology, vol.44, no.1, 2024 (SCI-Expanded)
- VII. **JAK inhibitor treatment for inborn errors of JAK/STAT signaling: An ESID/EBMT-IEWP retrospective study**  
Fischer M., Olbrich P., Hadjadj J., Aumann V., Bakhtiar S., Barlogis V., von Bismarck P., Bloomfield M., Booth C.,

Buddingh E. P., et al.

Journal of Allergy and Clinical Immunology, vol.153, no.1, pp.275, 2024 (SCI-Expanded)

- VIII. **C-terminal variants in *CDC42* drive type I interferon-dependent autoinflammation in NOCARH syndrome reversible by ruxolitinib**  
Kapp F. G., Kretschmer S., Beckmann C. C., Wäsch L., Molitor A., Carapito R., Schubert M., Lucas N., Conrad S., Poignant S., et al.  
CLINICAL IMMUNOLOGY, vol.256, 2023 (SCI-Expanded)
- IX. **Defective Treg generation and increased type 3 immune response in leukocyte adhesion deficiency 1**  
Erdem S., Haskoloğlu Z. Ş., Haliloglu Y., Celikzencir H., Arik E., Keskin O., Eltan S. B., Yücel E., Canatan H., Avçılar H., et al.  
Clinical Immunology, vol.253, 2023 (SCI-Expanded)
- X. **Monogenic early-onset lymphoproliferation and autoimmunity: Natural history of STAT3 gain-of-function syndrome.**  
Leiding J. W., Vogel T. P., Santarlas V. G. J., Mhaskar R., Smith M. R., Carisey A., Vargas-Hernandez A., Silva-Carmona M., Heeg M., Rensing-Ehl A., et al.  
The Journal of allergy and clinical immunology, vol.151, no.4, pp.1081-1095, 2023 (SCI-Expanded)
- XI. **T-cell/histiocyte-rich large B-cell lymphoma in a patient with a novel frameshift MSH6 mutation**  
ÇEKİÇ Ş., AYDIN F., Karali Y., SEVİNİR B. B., CANÖZ Ö., Boztug K., ÜNAL E., KILIÇ GÜLTEKİN S. Ş.  
PEDIATRIC BLOOD & CANCER, vol.70, no.3, 2023 (SCI-Expanded)
- XII. **Hypomorphic RAG deficiency: impact of disease burden on survival and thymic recovery argues for early diagnosis and HSCT**  
Schuetz C., Gerke J., Ege M., Walter J., Kusters M., Worth A., Kanakry J., Dimitrova D., Wolska-Kuśnierz B., Chen K., et al.  
Blood, vol.141, no.7, pp.713-724, 2023 (SCI-Expanded)
- XIII. **Human genetic defects in SRP19 and SRPRA cause severe congenital neutropenia with distinctive proteome changes.**  
Linder M. I., Mizoguchi Y., Hesse S., Csaba G., Tatematsu M., Łyszkiwicz M., Zietara N., Jeske T., Hastreiter M., Rohlf M., et al.  
Blood, vol.141, no.6, pp.645-658, 2023 (SCI-Expanded)
- XIV. **Human CARMIL2 deficiency underlies a broader immunological and clinical phenotype than CD28 deficiency**  
Levy R., Gothe F., Momenilandi M., Magg T., Materna M., Peters P., Raedler J., Philippot Q., Rack-Hoch A. L., Langlais D., et al.  
JOURNAL OF EXPERIMENTAL MEDICINE, vol.220, no.2, 2023 (SCI-Expanded)
- XV. **Antibody Response against Vaccine Antigens in Children after TCR $\alpha\beta$ -Depleted Haploidentical Stem Cell Transplantation: Is It Similar to That in Recipients with Fully Matched Donors?**  
Kondolot M., Yilmaz E., Sahin N. E., Ozcan A., Kaynar L., Unal E., Karakukcu M.  
Transplantation and cellular therapy, vol.29, no.2, 2023 (SCI-Expanded)
- XVI. **Haploidentical Antibody Response against Vaccine Antigens in Children after TCR $\alpha\beta$ -Depleted Haploidentical Stem Cell Transplantation: Is It Similar to That in Recipients with Fully Matched Donors?**  
KONDOLOT M., YILMAZ E., Sahin N. E., ÖZCAN A., KAYNAR L., ÜNAL E., KARAKÜKCÜ M.  
TRANSPLANTATION AND CELLULAR THERAPY, no.2, 2023 (SCI-Expanded)
- XVII. **Aceruloplasminemia presenting with microcytic anemia in a Turkish boy due to a novel pathogenic variant**  
Gok V., Ozcan A., Ozer S., Karaman F., Aykutlu E., Yilmaz E., Karakukcu M., Bisgin A., Unal E.  
PEDIATRIC HEMATOLOGY AND ONCOLOGY, vol.40, no.7, pp.673-681, 2023 (SCI-Expanded)
- XVIII. **Treatment of Infantile Fibrosarcoma in the Era of Targeted Therapies**  
Yildirim U. M., Kebudi R., Asarcikli F., Sozmen B. O. F. L. A. Z., ÜNAL E., ÖZCAN A., Zulfikar B.  
UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, no.4, pp.240-247, 2023 (SCI-Expanded)
- XIX. **Assessment of extracorporeal photopheresis related cell damage.**

Samur B. M., KARAKÜKCÜ Ç., ÖZCAN A., ÜNAL E., YILMAZ E., KARAKÜKCÜ M.

Transfusion and apheresis science : official journal of the World Apheresis Association : official journal of the European Society for Haemapheresis, vol.61, no.6, pp.103472, 2022 (SCI-Expanded)

- XX. **A pilot study for treatment of severe COVID-19 pneumonia by aerosolized formulation of convalescent human immune plasma exosomes (ChipEXO (TM))**  
GÜL F., GÖNEN Z. B., Jones O. Y., Taşlı N. P., ZARARSIZ G., ÜNAL E., ÖZDARENDELİ A., Şahin F., EKEN A., YILMAZ S., et al.  
FRONTIERS IN IMMUNOLOGY, vol.13, 2022 (SCI-Expanded)
- XXI. **Central Nervous System Fungal Infections in Children With Leukemia and Undergoing Hematopoietic Stem Cell Transplantation: A Retrospective Multicenter Study**  
Karaman S., Kebudi R., Kizilocak H., Karakas Z., Demirag B., SEZGİN EVİM M., Yaralı N., KAYA Z., Karagun B. S., Aydogdu S., et al.  
JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY, vol.44, no.8, 2022 (SCI-Expanded)
- XXII. **Evaluation of primary care physicians' approaches to hemophilia and bleeding disorders: a questionnaire survey**  
Samur B. M., Samur T. G., Çiflikli F., Özcan A., Gök V., Soykan R., Soytürk F., Kılıç Ö., Kandur M., Kandemir R., et al.  
BLOOD COAGULATION & FIBRINOLYSIS, vol.33, no.7, pp.381-388, 2022 (SCI-Expanded)
- XXIII. **Characterization of cord blood CD3<sup>+</sup>TCRV $\alpha$ 7.2<sup>+</sup>CD161<sup>high</sup> T and innate lymphoid cells in the pregnancies with gestational diabetes, morbidly adherent placenta, and pregnancy hypertension diseases**  
Haliloglu Y., Ozcan A., Erdem S., Azizoglu Z. B., Bicer A., Ozarslan Ö. Y., Kilic Ö., Okus F. Z., Demir F., Canatan H., et al.  
AMERICAN JOURNAL OF REPRODUCTIVE IMMUNOLOGY, vol.88, no.1, 2022 (SCI-Expanded)
- XXIV. **A novel missense mutation outside the DNAJ domain of DNAJC21 is associated with Shwachman-Diamond syndrome**  
Alsavaf M. B., Verboon J. M., DOĞAN M. E., Azizoglu Z. B., Okus F. Z., ÖZCAN A., DÜNDAR M., EKEN A., ALTUNTAŞ H., Sankaran V. G., et al.  
BRITISH JOURNAL OF HAEMATOLOGY, vol.197, no.6, 2022 (SCI-Expanded)
- XXV. **Social exclusion and behavior problems in adolescents with cancer and healthy counterparts**  
SEZER EFE Y., ÖZBEY H., CANER N., ERDEM E., Kuzucu E. G., KARAKÜKCÜ M., PATIROĞLU T., ÜNAL E., YILMAZ E., ÖZCAN A.  
JOURNAL OF PEDIATRIC NURSING-NURSING CARE OF CHILDREN & FAMILIES, vol.64, 2022 (SCI-Expanded)
- XXVI. **The Mutation of CD27 Deficiency Presented With Familial Hodgkin Lymphoma and a Review of the Literature**  
Kose D., GÜZELÇİÇEK A., Oz O., Erdem A. Y., Haliloglu Y., Witzel M., Klein C., ÜNAL E.  
JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY, vol.44, no.4, 2022 (SCI-Expanded)
- XXVII. **Molecular spectrum of Von Willebrand Disease Type 3**  
IŞIK E., AYYILDIZ EMECEN D., Kavakli K., ŞAHİN F., Durmusalioglu E. A., ALBAYRAK C., SEZGİN EVİM M., ÜNAL E., Belen F. B., Karakurt N., et al.  
EUROPEAN JOURNAL OF HUMAN GENETICS, vol.30, no.SUPPL 1, pp.227-228, 2022 (SCI-Expanded)
- XXVIII. **A teenager boy with a novel variant of Sitosterolemia presented with pancytopenia.**  
Gok V., Tada H., Ensar Dogan M., ALAKUŞ SARI Ü., ASLAN K., ÖZCAN A., YILMAZ E., KARDAŞ F., KARAKÜKCÜ M., CANATAN H., et al.  
Clinica chimica acta; international journal of clinical chemistry, vol.529, pp.61-66, 2022 (SCI-Expanded)
- XXIX. **Evolution and long-term outcomes of combined immunodeficiency due to CARMIL2 deficiency**  
Kocamış B., Baser D., Akcam B., Danielson J., Eltan S. B., Haliloglu Y., Sefer A. P., Babayeva R., Akgun G., Charbonnier L., et al.  
ALLERGY, vol.77, no.3, pp.1004-1019, 2022 (SCI-Expanded)
- XXX. **Therapeutic effects of vitamin D and IL-22 on methotrexate-induced mucositis in mice**  
YILMAZ E., Azizoglu Z. B., Aslan K., Erdem S., Haliloglu Y., Suna P. A., Yay A. H., DENİZ K., TAŞDEMİR A., PER S., et al.  
ANTI-CANCER DRUGS, vol.33, no.1, pp.11-18, 2022 (SCI-Expanded)
- XXXI. **A Novel Intronic Mutation Reduces HAX1 Level and is Associated With Severe Congenital**

## **Neutropenia.**

Goktas S., Azizoglu Z. B., Petersheim D., Erdogan M., Eke Gungor H., Bisgin A., Tuğ Bozdoğan S., Eken A., Unal E., Klein C., et al.

Journal of pediatric hematology/oncology, vol.44, 2022 (SCI-Expanded)

### **XXXII. A Novel Intronic Mutation Reduces HAX1 Level and is Associated With Severe Congenital Neutropenia**

GÖKTAŞ S., Azizoglu Z. B., Petersheim D., ERDOĞAN M., Eke Gungor H., Bisgin A., Tug Bozdogan S., EKEN A., ÜNAL E., Klein C., et al.

JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY, vol.44, no.1, 2022 (SCI-Expanded)

### **XXXIII. Genetic Analysis of a Cohort of 275 Patients with Hyper-IgE Syndromes and/or Chronic Mucocutaneous Candidiasis**

Frede N., Rojas-Restrepo J., Caballero Garcia de Oteyza A., Buchta M., Huebscher K., Gamez-Diaz L., Proietti M., Saghafi S., Chavoshzadeh Z., Soler-Palacin P., et al.

JOURNAL OF CLINICAL IMMUNOLOGY, vol.41, no.8, pp.1804-1838, 2021 (SCI-Expanded)

### **XXXIV. Immunomagnetic separation of B type acute lymphoblastic leukemia cells from bone marrow with flow cytometry validation and microfluidic chip measurements**

İçöz K., Eken A., Cinar S., Murat A., Özcan S., Ünal E., Deniz G.

SEPARATION SCIENCE AND TECHNOLOGY, vol.56, no.15, pp.2659-2666, 2021 (SCI-Expanded)

### **XXXV. Blood repellent superhydrophobic surfaces constructed from nanoparticle-free and biocompatible materials**

ÇELİK N., Sahin F., Ruzi M., Yay M., ÜNAL E., ÖNSE S. S.

COLLOIDS AND SURFACES B-BIOINTERFACES, vol.205, 2021 (SCI-Expanded)

### **XXXVI. Characterization of Th17 and Treg cells in leucocyte adhesion deficiency 1 patients**

Erdem S., Haliloglu Y., Haskaloglu S., Arik E., KESKİN Ö., Karadag S. I. K., Eltan S. B., YÜCEL E., AVCILAR H., YILMAZ E., et al.

EUROPEAN JOURNAL OF IMMUNOLOGY, vol.51, pp.298, 2021 (SCI-Expanded)

### **XXXVII. A nonsense mutation in DIAPH1 gene presents with major T cell defects**

Azizoglu Z. B., Okus F. Z., ÖZCAN A., Sawaf B., KÖSE M., CANÖZ Ö., GÜMÜŞ H., Ceylaner S., PATIROĞLU T., ÜNAL E., et al.

EUROPEAN JOURNAL OF IMMUNOLOGY, vol.51, pp.296, 2021 (SCI-Expanded)

### **XXXVIII. The number and activity of CD3(+)TCR V alpha 7.2(+)CD161(+) cells are increased in children with acute rheumatic fever**

Ozkaya M., Baykan A., Cakir M., Vural C., Sunkak S., Unal E., Eken A.

INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.333, pp.174-183, 2021 (SCI-Expanded)

### **XXXIX. Clinical phenotype, fibrinogen supplementation, and health-related quality of life in patients with afibrinogenemia**

Casini A., von Mackensen S., Santoro C., Khayat C. D., Belhani M., Ross C., Dorgalaleh A., Naz A., ÜNAL E., Abdelwahab M., et al.

BLOOD, vol.137, no.22, pp.3127-3136, 2021 (SCI-Expanded)

### **XL. Type 1 Plasminogen Deficiency With Pulmonary Involvement: Novel Treatment and Novel Mutation**

HANGÜL M., TÜZÜNER A. B., Somekh I., Klein C., PATIROĞLU T., ÜNAL E., KÖSE M.

JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY, vol.43, no.4, 2021 (SCI-Expanded)

### **XLI. Common Variable Immunodeficiency, Autoimmune Hemolytic Anemia, and Pancytopenia Associated With a Defect in IKAROS**

Yilmaz E., Kuehn H., Odakir E., Niemela J., Ozcan A., Eken A., Rohlf M., Cansever M., Gok V., Aydin F., et al.

JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY, no.3, 2021 (SCI-Expanded)

### **XLII. Refractory and Fatal Presentation of Severe Autoimmune Hemolytic Anemia in a Child With the DNASE1L3 Mutation Complicated With an Additional DOCK8 Variant.**

Paç K., Witzel M., Unal E., Rohlf M., Akyildiz B., Dogan M. E., Poyrazoglu H., Klein C., Patiroglu T.

Journal of pediatric hematology/oncology, vol.43, no.3, 2021 (SCI-Expanded)

### **XLIII. Comprehensive Mutation Analysis of the RAS/RAF/MEK/ERK Pathway in Paediatric Leukaemia and**

## Significant Inferences

Akin-Bali D. F., AKTAŞ S. H., ÖZCAN A., YILMAZ E., AYDIN F., GÖK V., ÜNAL E., KARAKÜKCÜ M.  
HONG KONG JOURNAL OF PAEDIATRICS, vol.26, no.2, pp.75-87, 2021 (SCI-Expanded)

- XLIV. **Effect of vitamin K2 and vitamin D3 on bone mineral density in children with acute lymphoblastic leukemia: a prospective cohort study.**  
SOLMAZ I., ÖZDEMİR M. A., ÜNAL E., Abdurrezzak Ü., Muhtaroglu S., KARAKÜKCÜ M.  
Journal of pediatric endocrinology & metabolism : JPEM, vol.34, no.4, pp.441-447, 2021 (SCI-Expanded)
- XLV. **The Spectrum of Underlying Diseases in Children with Torticollis**  
Tumturk A., Gorkem S. B., Ozmansur E. N., Peduk Y., Arslan U., Gok V., Dogan H., Cetin B. Ş., Sahin A., Gumus H., et al.  
TURKISH NEUROSURGERY, no.3, pp.389-398, 2021 (SCI-Expanded)
- XLVI. **Expanded circulating hematopoietic stem/progenitor cells as novel cell source or the treatment of TCIRG1 osteopetrosis**  
Capo V., Penna S., Merelli I., Barcella M., Scala S., Basso-Ricci L., Draghici E., Palagano E., Zonari E., Desantis G., et al.  
HAEMATOLOGICA, vol.106, no.1, pp.74-86, 2021 (SCI-Expanded)
- XLVII. **Extended clinical and immunological phenotype and transplant outcome in CD27 and CD70 deficiency**  
ÖZEN A. O., ÖZEN A. O., Edwards E. S. J., Pillay B., ÖZEN A. O., ÖZEN A. O., ÖZEN A. O., Zoghi S., Abolhassani H., et al.  
BLOOD, vol.136, no.23, pp.2638-2655, 2020 (SCI-Expanded)
- XLVIII. **Hepatitis-associated aplastic anemia in pediatric patients: single center experience.**  
Altay D., Yilmaz E., Özcan A., Karakükçü M., Ünal E., Arslan D.  
Transfusion and apheresis science : official journal of the World Apheresis Association : official journal of the European Society for Haemapheresis, vol.59, 2020 (SCI-Expanded)
- XLIX. **Different Clinical Presentation of 3 Children With Familial Hemophagocytic Lymphohistiocytosis With 2 Novel Mutations.**  
Akyol S., Ozcan A., Sekine T., Chiang S., Yilmaz E., Karakurkcü M., Patiroglu T., Bryceson Y., Unal E.  
Journal of pediatric hematology/oncology, vol.42, 2020 (SCI-Expanded)
- L. **Microfluidic Chip based direct triple antibody immunoassay for monitoring patient comparative response to leukemia treatment**  
İÇÖZ K., Akar U., ÜNAL E.  
BIOMEDICAL MICRODEVICES, vol.22, no.3, 2020 (SCI-Expanded)
- LI. **Whole exome sequencing (WES) approach for diagnosing primary immunodeficiencies (PIDs) in a highly consanguineous community**  
Simon A. J., Golan A. C., Lev A., Stauber T., Barel O., Somekh I., Klein C., AbuZaitun O., Eyal E., Kol N., et al.  
CLINICAL IMMUNOLOGY, vol.214, 2020 (SCI-Expanded)
- LII. **Role of a second transplantation for children with acute leukemia following posttransplantation relapse: a study by the Turkish Bone Marrow Transplantation Study Group**  
Hazar V., Karasu G. T., Uygun V., Ozbek N., KARAKÜKCÜ M., Ozturk G., Daloglu H., Kilic S. C., Aksu T., ÜNAL E., et al.  
LEUKEMIA & LYMPHOMA, vol.61, no.6, pp.1465-1474, 2020 (SCI-Expanded)
- LIII. **ILC3 deficiency and generalized ILC abnormalities in DOCK8-deficient patients**  
Eken A., Cansever M., Okus F. Z., Erdem S., Nain E., Azizoglu Z. B., Haliloglu Y., Karakukcu M., Ozcan A., Devecioglu O., et al.  
ALLERGY, vol.75, no.4, pp.921-933, 2020 (SCI-Expanded)
- LIV. **Congenital afibrinogenemia in a 4-year-old girl complicated with acute lymphoblastic leukemia**  
ÖZCAN A., Samur B., AKYOL Ş., Erdogmus N. A., PATIROĞLU T., KARAKÜKCÜ M., ÜNAL E.  
TURKISH JOURNAL OF PEDIATRICS, vol.62, no.2, pp.289-292, 2020 (SCI-Expanded)
- LV. **Twenty children with non-Wilms renal tumors from a reference center in Central Anatolia, Turkey**  
Ünal E., Yilmaz E., Özcan A., Işık B., Karakükçü M., Turan C., Akgün H., Öztürk F., Coşkun A., Özdemir M., et al.  
Turkish journal of medical sciences, vol.50, pp.18-24, 2020 (SCI-Expanded)
- LVI. **Human FCH01 deficiency reveals role for clathrin-mediated endocytosis in development and function of T cells**

- Lyszkiwicz M., Zietara N., Frey L., Pannicke U., Stern M., Liu Y., Fan Y., Puchalka J., Hollizeck S., Somekh I., et al. NATURE COMMUNICATIONS, vol.11, no.1, 2020 (SCI-Expanded)
- LVII. Factor 8 Gene Mutation Spectrum of 270 Patients with Hemophilia A: Identification of 36 Novel Mutations**  
ATİK T., IŞIK E., Onay H., Akgun B., Shamsali M., Kavaklo K., SEZGİN EVİM M., TÜYSÜZ KINTRUP G., Ozbek N. Y., ŞAHİN F., et al.  
TURKISH JOURNAL OF HEMATOLOGY, vol.37, no.3, pp.145-153, 2020 (SCI-Expanded)
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## Books & Book Chapters

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## Refereed Congress / Symposium Publications in Proceedings

- I. **Anti-biofouling, blood-repellent and biocompatible coatings for medical equipment interfaces**  
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## Supported Projects

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ÜNAL E., BOZPOLAT A., ÖZCAN A., TAHERİ S., ÖZDEMİR M. A., PER H., KAÇAR BAYRAM A., Project Supported by Higher Education Institutions, İnfarkt ile İlişkili Genetik Mutasyonların Araştırılması, 2016 - 2016

KARAKÜKCÜ M., GÜREK A. O., PATIROĞLU T., ÖZDEMİR M. A., KARAKÜKCÜ Ç., ÜNAL E., TORUN Y. A., Project Supported by Higher Education Institutions, DÜZENLİ KAN TRANSFÜZYONU VE DEFERASİROKS İLE ŞELASYON TEDAVİSİ ALAN TALASEMİ MAJÖR HASTALARINDA ESER ELEMENT EKSİKLİKLERİ VE AĞIR METAL BİRİKİMLERİNİN ARAŞTIRIMASI, 2015 - 2016

PATIROĞLU T., ÜNAL E., ERDOĞ ŞAHİN N., Project Supported by Higher Education Institutions, ANKAFERD BLOOD STOPPER'İN ÇOCUKLUK ÇAĞI KANSERLERİNDE GÖRÜLEN ORAL MÜKOZİT PROFİLAKSİ VE TEDAVİSİNDE ETKİNLİĞİ, 2013 - 2015

KARAKÜKCÜ M., SEÇİLMİŞ Y., CANÖZ Ö., ÖZKUL Y., ÖZDEMİR M. A., MUTLU F. T., PATIROĞLU T., ÜNAL E., Project Supported by Higher Education Institutions, ÇOCUKLUK ÇAĞI SOLİD TÜMÖRLERİNDE KANSER KÖK HÜCRE BELİRTECİ OLARAK PİWİL2 EXPRESYONUNUN ARAŞTIRILMASI VE PİWİL2'NİN BİYOMARKER OLARAK KULLANILABİLECEĞİNİN GÖSTERİLMESİ, 2012 - 2013

ÜNAL E., Project Supported by Other Official Institutions, ÇOCUKLUK ÇAĞI AKUT LENFOBLASTİK LÖSEMİ OLGULARINDA TANI ANINDA ALINAN OSTEOPROTEGERİN, RESEPTÖR AKTİVATÖR NÜKLEER KAPPA B LİGAND, ÇÖZÜNEBİLİR CD40 VE CD 40 LİGANT (CD 154) SEVİYESİNİN PROGNOZDAKİ ÖNEMİ, 2010 - 2011

## Activities in Scientific Journals

Child's Nervous System, Assistant Editor/Section Editor, 2012 - Continues

## Memberships / Tasks in Scientific Organizations

European Hematology Association (EHA), Member, 2010 - Continues

Türk Pediatrik Hematoloji Derneği, Member, 2008 - Continues

International Society of Paediatric Oncology (SIOP), Member, 2007 - Continues

Türk Hematoloji Derneği, Member, 2007 - Continues

## Scientific Refereeing

BMC Pediatrics, SCI Journal, December 2013

Mycopathologia, SCI Journal, February 2013

BMC Gastroenterology Journal, SCI Journal, December 2012

Child's Nervous System, SCI Journal, November 2012

Int J Pediatr Otorhinolaryngol, SCI Journal, November 2012

J Pediatr Hematol Oncol, SCI Journal, January 2012

Clinical and Applied Thrombosis/Hemostasis, SCI Journal, January 2012

Larygoscope, SCI Journal, January 2012

## Metrics

Publication: 346

Citation (WoS): 2074

Citation (Scopus): 2379

H-Index (WoS): 23

H-Index (Scopus): 25

## **Awards**

Çelik N., Şahin F., Ruzi M., Yay M., Ünal E., Önses M. S., XIV. Ulusal Kan Merkezleri ve Transfüzyon Tıbbı Kongresi Sözel Bildiri Üçüncülük Ödülü, Türkiye Kan Merkezleri Ve Transfüzyon Derneği, November 2021

Odabaşı G. P., Aslan K., Suna P. A., Kendirli P. K., Erdem Ş., Çakır M., Özcan A., Yılmaz E., Karakükçü M., Altuntaş H., et al., Sözel Sunu Birincilik Ödülü, 13.Ulusal Pediatrik Hematoloji Kongresi, October 2021

Eken A., Ünal E., Canatan H., Altuntaş H., Cansever M., Karakükçü M., 4th Clinical Immunology Congress Best Poster Award (Clinical Immunology SocietyTurkey), Klinik Immunoloji Derneği, April 2018

## **Non Academic Experience**

Other Public Institution, Yozgat İli Sefaati İlçesi Devlet Hastanesi